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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete if Known Application Number 10/603,860 Filing Date June 26, 2003 First Named Inventor HASSON, Jaime Art Unit 2881 Examiner Name Not yet known Attorney Docket Number P-5321-US	
Sheet	1	of	2		

[illegible][illegible]

Examiner Signature	/Kevin Kim/ (10/27/2006)	Date Considered	
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Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Complete if Known	
				Application Number	10/603,860
				Filing Date	June 26, 2003
				First Named Inventor	HASSON, Jaime
				Art Unit	2881
(use as many sheets as necessary)				Examiner Name	Not yet known
Sheet	2	of	2	Attorney Docket Number	P-5321-US

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (where appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
KK	E	"Parallelism exploitation is SAR data compression methods", Beatriz Botero, Nourredine Hifdi, EUSAR 2000, Munich, Allemagne, 23-25 May 2000	<input type="checkbox"/>
KK	F	Peric et al., "Design of Signal Constellations for Gaussian Channal by Using Iterative Polar Quantization", Electrotechnical Conference, 1998 MELECON 98., 9th Mediterranean, Volume 2, 18-20 May 1998 pp. 866-869 vol. 2 Digital Object Identifier	<input type="checkbox"/>
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Substitute for form 1449A/PTO				Complete if Known Application Number 10/603,860 Filing Date June 26, 2003 First Named Inventor HASSON, Jaime Group Art Unit 2881 Examiner Name Not yet known Attorney Docket Number P-5321-US	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)					
Sheet	1	of	4		

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
KK	A	5,012,200		Meinzer	04-30-1991	
KK	B	5,862,460		Rich	01-19-1999	
KK	C	5,903,854		Abe et al.	05-11-1999	
KK	D	6,330,455		Ichihara	12-11-2001	
KK	E	5,302,914		Arntz et al.	04-12-1994	
KK	F	6,285,251		Dent et al.	09-04-2001	
KK	G	5,894,093		DaSilva et al.	12-02-1997	
KK	H	5,854,571		Pinckley et al.	12-29-1998	
KK	I	5,872,481		Sevic et al.	02-16-1999	
KK	J	6,133,788		Dent	10-17-2000	
KK	K	6,201,452		Dent et al.	03-13-2001	
KK	L	5,345,189		Hornak et al.	09-06-1994	
KK	M	5,264,807		Okubo et al.	11-23-1993	
KK	N	5,909,643		Alhara	06-01-1999	
KK	O	5,929,702		Myers et al.	09-27-1999	
KK	P	5,758,269		Wu	05-26-1998	
KK	Q	5,788,727		Sigmon	07-28-1998	
KK	R	5,886,575		Long	03-23-1999	
KK	S	5,880,833		Leizerovich et al.	03-09-1999	
KK	T	5,739,723		Sigmon et al.	04-14-1998	

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		Application Number	10/603,860
		Filing Date	June 26, 2003
		First Named Inventor	HASSON, Jaime
		Group Art Unit	2881
		Examiner Name	Not yet known
		Attorney Docket Number	P-5321-US
Sheet	2	of	4

U.S. PATENT DOCUMENTS						
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		Number	Kind Code ² (if known)			
KK	V	5,872,481		Sevic et al.	02-16-1999	
KK	W	5,861,434		Brozovich et al.	08-26-1997	
KK	X	5,420,541		Upton et al.	05-30-1995	
KK	Y	5,568,094		Bowen et al.	10-22-1996	
KK	Z	5,548,246		Tamamoto et al.	08-20-1996	
KK	AA	5,541,554		Stengel et al.	07-30-1996	
KK	AB	5,724,005		Chen et al.	03-03-1998	
KK	AC	4,439,744		Kumar et al.	03-27-1984	
KK	AD	5,821,351		Puri et al.	04-15-1997	
KK	AE	4,433,312		Kahn	02-21-1984	
KK	AF	5,974,041		Kornfeld et al.	10-26-1999	
KK	AG	3,777,275		Cox	12-04-1973	
KK	AH	6,587,511		Barak et al.	07-01-2003	
KK	AI	5,901,346		Stengel et al	05-04-1999	
KK	AJ	2003/0125065		Hasson et al.	07-03-2003	
KK	AK	6,825,719		Barak et al.	11-30-2004	
KK	AL	10/131,750		Barak et al.	04-24-2002 (filing date)	
KK	AM	5,786,728		Alinikula	07-28-1998	
KK	AN	6,633,199		Nielsen et al.	10-14-2003	
KK	AO	6,147,653		Wallace et al.	11-14-2000	
KK	AP	5,295,162		Zarembowitch	03-15-1994	
KK	AQ	6,271,782		Steensgaard-Madsen	08-07-2001	
KK	AR	6,008,703		Perrott et al.	12-28-1999	
KK	AS	2003/206056		Hietala	11-06-2003	

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
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Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete if Known			
		Application Number	10/603,860		
		Filing Date	June 26, 2003		
		First Named Inventor	HASSON, Jaime		
		Group Art Unit	2881		
		Examiner Name	Not yet known		
Sheet	3	of	4	Attorney Docket Number	P-5321-US

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (where appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
KK	AT	FREDRICK H. RAAB, "Efficiency of Outphasing RF Power-Amplifier Systems", IEEE Transactions on Communications. Vol. Com-33, No. 10, Oct 1985, pp. 1094-1099	<input type="checkbox"/>
KK	AU	STEVE C. CRIPPS, "RF Power Amplifiers for Wireless Communications", 1999, USA, pp. 219-250	<input type="checkbox"/>
KK	AV	D.C. Cox, "Linear Amplification with Nonlinear Components", IEEE Transaction on Communications, December 1974, pp.1942-1945.	<input type="checkbox"/>
KK	AW	Bob Stengel and William R. Eisenstadt, "LINC Power Amplifier Combiner Method Efficiency Optimization", IEEE Transaction on Vehicular Technology. Vol.49, No. 1, January 2000, pp.229-234	<input type="checkbox"/>
KK	AY	S.A. HETZEL et al., "A LINC Transmitter", University of Bristol, IEEE, 1999, pp. 133-137	<input type="checkbox"/>
KK	AZ	S. O. Ampem-Darko, H.S. Al-Raweshidy, "A Novel Technique for Gain/Phase Error Cancellation in LINC Transmitters", 1999 IEEE, pp. 2034-2038	<input type="checkbox"/>
KK	BA	J. Nieznanski, "Performance characterization of vector sigma-delta modulation", IECON '98, Proceedings of the 24th Annual Conference of the IEEE, vol. 1, pp. 531-536, 1998	<input type="checkbox"/>

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/603,860
		Filing Date	June 26, 2003
		First Named Inventor	HASSON, Jaime
		Group Art Unit	2881
		Examiner Name	Not yet known
Sheet 4 of 4	Attorney Docket Number	P-5321-US	

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Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (where appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
KK	BB	D.L. Neuhoﬀ, "Polar quantization revisited", IEEE International Symposium on Information Theory, 1997 Proceedings, pp. 60, 1997	<input type="checkbox"/>
KK	BC	N.O. Sokal, "RF Power Amplifiers, Classes A through S – How they operate, and when to use each", Electronics Industries Forum of New England, Professional Program Proceedings, pp. 179-183, 1997	<input type="checkbox"/>
KK	BD	T. Yamaji, A. Yasuda, H. Tanimoto, Y. Suzuki, "A Digital-to-RF Converter Architecture Suitable for a Digital-to-RF Direct-Conversion Software Defined Radio Transmitter", IEICE Trans. Commun., vol. E83-B, No. 6, pp. 1254-1260, June 2000.	<input type="checkbox"/>
KK	BE	MICHAEL H. PERROTT ET AL., "A Modeling Approach for Σ - Δ Fractional-N Frequency Synthesizers Allowing Straightforward Noise Analysis", IEEE Journal of Solid-State Circuits, Vol. 37, No. 8, August 2002, pp. 1028-1038	<input type="checkbox"/>
KK	BF	M.H. Perrott, "Techniques for High Data Rate modulation and Low Power Operation of Fractional-N Frequency Synthesizers", PH.D Dissertation, MIT, September 1997, Retrieved from the Internet, URL: http://www-mtl.mit.edu/perrott/pages/thesis.pdf , pp. 1-90	<input type="checkbox"/>
KK	BG	ZHANG et al., "Multibit Oversampled Sigma - Delta A/D Converter with Nonuniform Quantisation", ELECTRONICS LETTERS, 14 MARCH 1991, UK, Vol. 27, No. 6, pp. 528-529	<input type="checkbox"/>

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		Application Number	10/603,880
		Filing Date	June 26, 2003
		First Named Inventor	HASSON, Jaime
		Group Art Unit	N t y t known
		Examiner Name	Not yet known
Sheet 1 of 1	Attorney Docket Number	P-5321-US	

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KK	AA	T. A. D. Riley and M. A. Copeland, "A simplified continuous phase modulator technique," IEEE Trans. on circuits and systems, VOL. 41, NO. 5, pp. 321-328, May 1994.	<input type="checkbox"/>
KK	AB	N. M. Filliol, T. A. D. Riley, C. Plett and M. A. Copeland, "An agile ISM band frequency synthesizer with built-in GMSK data modulation," IEEE Journal of Solid-State Circuits, VOL. 33, NO. 7, pp.998-1008, July 1998.	<input type="checkbox"/>
KK	AC	M. H. Perrot, T. L. Tewksbury III, C. G. Sodini, "A 27-mW CMOS Fractional-N Synthesizer Using Digital Compensation for 2.5-Mb/s GFSK Modulation", IEEE Journal of Solid-State Circuits, VOL. 32, NO. 12, pp.2048-2060, Dec 1997.	<input type="checkbox"/>
KK	AD	B. Stengel, "LINC - Linear technology transmitter review," International Microwave Symposium 2000, June 2000, pp. 1-32	<input type="checkbox"/>

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